

201st Hinode SSC Meeting on 19th October 2023 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status

1. Instrument Status Review

SOT is nominal

XRT is nominal

EIS had an ICU error; not yet cleared but instrument seems good; plan for next steps by the end of next week

2. Report on Changes to Instrument Telemetry Allocation

There are no further reports on telemetry allocation changes.

No issues with the new arrangement for periods when telemetry useage is unusually high have been reported.

3. FM Calendar

Currently in Nominal Mode.

4. HOP Prioritisation inode

SSC asked by SWG to prioritise HOPs i) with associated ground-based observations that were overlapping in a time zone and ii) in cases that generated mission telemetry use conflicts.

ACTION: Culhane to ensure that such cases were highlighted in SSC meeting notes; Ongoing

b. Action Items.

IRIS Team to provide details of support for HOP 473

Matthews to provide new EIS study for HOP 473

Parenti to supply details of required FoV to SOT team for HOP 474

Parenti to discuss IRIS team observations for HOP 474

c. Review/Discussion of Open HOPs and ToOs

- Parker Solar Probe (PSP) encounters wee all successful
- HOP 444 was run sucessfully
- HOP 460 was updated and should have been run
- HOP 470: DKIST will be observing with this HOP
- no coordination problems with Solar Orbiter: SOT, EIS and XRT were all ok
- HOP 470 will be run again: October 7th – 28th

- HOP 471 will be run: October 21st – 27th

d. Review of New or Updated Proposals and Scheduling of Observations

New Submitted HOPs

Wave Propagation from the Photosphere to the Corona in Relation to Magnetic Structures – Shirato (shirato@kusaastro.kyoto-u.ac.jp), Ichimoto, Ueno – HOP 473

- investigating the role of waves in chromospheric and coronal heating in different magnetic field structures.
- IRIS support can be as requested but in eclipse season there will be gaps in coverage; details will be provided
- SOT request is good
- for EIS, Shirato-san needs help with preparing a new study that includes a Si VII line
- Matthews will prepare a new study on the required timescale and will provide the new study number
- for XRT a standard high cadence program using one filter will be required for AR observations

[SOOP: none] High Cadence AR with Solar Orbiter -Parenti (susanna.parenti@universite-paris-saclay.fr), Teriaca - HOP 474

- AR Flares/Dynamics in Coordination with Solar Orbiter
- provide additional plasma diagnostics in support of EUV, SPICE and PHI observations
- SOT to make fast maps of target AR; Parenti to supply SOT team with details of required FoV
- EIS request is good
- XRT request is good; request standard one filter AR programme to enhance cadence
- Parenti will coordinate with IRIS team to arrange IRIS observations
- HOP to run only on **29th October**

There is an upcoming request for a full-disc scan. IRIS must avoid its eclipse season which runs from **28th October** to **15th February**. Full disc observations can not begin before **24th February**. Suggest start from early March.

A new Focus Mode calendar is now available.

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
run on **7th November** (S pole fast) and **9th November** (N pole fast)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
run on **14th November**
- **Synoptic SOT Irradiance Scans – Egeland, Centeno; CORE HOP 412**
run on **23rd November**
- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393, 4th, 11th, 18th and 25th November** (every Saturday)

Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **SOT** Team for **14th November**
- **NOTE:** Science chart site access has been changed due to IT requirements; **Savage** has established a new Google drive site for template and previous chart
- provide one summary slide for Hinode team management at MSFC and two additional slides for NASA HQ

f. Date of Next Meeting

- next meeting: **16th November 2023**, at **07:00 JST** and **15th November** as appropriate in US/Europe.

g. AOB

On-going reminder: press-worthy Hinode highlights to be sent to **Savage** prior to publication.